

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|--|------------------|---------|---------------------|
| S1 | 864 | 415/144.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 10:26 |
| S2 | 1211 | 415/90.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 10:26 |
| S3 | 735 | 415/145.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 10:26 |
| S4 | 928 | 415/199.5.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 10:26 |
| S5 | 762 | S1 not (S2 or S3 or S4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 10:27 |
| S6 | 1181 | S2 not (S1 or S3 or S4) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 10:27 |
| S9 | 2 | ("4770606").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 10:28 |
| S10 | 80 | ((MICHAEL) near2 (LIU)). INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/18 10:28 |
| S11 | 18 | ((MICHAEL) near2 (LIU)). INV. | EPO; JPO; DERWENT | OR | ON | 2010/08/18 10:28 |
| S12 | 2 | ((STEPHEN) near2 (DOWDESWELL)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/18 10:28 |
| S13 | 4 | ((STEPHEN) near2 (DOWDESWELL)).INV. | EPO; JPO; DERWENT | OR | ON | 2010/08/18 10:28 |
| S14 | 41 | ((NIGEL) near2 (SCHOFIELD)).INV. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/18 10:28 |
| S15 | 67 | ((NIGEL) near2 (SCHOFIELD)).INV. | EPO; JPO; DERWENT | OR | ON | 2010/08/18 10:28 |

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| S16 | 6 | ("4323369" "4808067" "5709528" "5921746" "6135709").PN. OR ("6626639").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/18 10:34 |
| S17 | 606 | (molecular adj drag) or holweck | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 10:48 |
| S18 | 15 | ("5120208" "5611660" "5893702").PN. OR ("6135709").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/18 12:33 |
| S19 | 16 | ("1136957" "1288728" "1601531" "2887062" "3142155" "4073338" "5154573" "5720174" "6478534" "6679677" "RE36610").PN. OR ("7500821").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/18 14:20 |
| S20 | 10 | ("3969039" "4830584" "5445502" "5611660" "5664935" "6106223" "6193461" "6524060").PN. OR ("6638010").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/18 14:38 |
| S21 | 197 | S17 and (bypass adn valve) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 16:12 |
| S22 | 22 | S17 and (bypass and valve) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 16:12 |
| S23 | 161 | turbomolecular and (bypass and valve) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 16:13 |
| S24 | 39 | S6 and (backing adj pump) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 16:39 |

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| S25 | 50 | (US-20020018712-\$ or US-20070116555-\$ or US-20070081889-\$ or US-20050047904-\$ or US-20040096311-\$ or US-20040081560-\$ or US-20030103842-\$ or US-20030086784-\$ or US-20020076317-\$ or US-20020028132-\$ or US-20080193303-\$ or US-20080166219-\$ or US-20080145205-\$ or US-20080138219-\$ or US-20080063541-\$ or US-20070031263-\$ or US-20070020116-\$ or US-20060153715-\$ or US-20060140795-\$ or US-20060140794-\$ or US-20060099094-\$ or US-20050271528-\$ or US-20020136643-\$ or US-20020064451-\$ or US-20010018018-\$).did. or (US-6626639-\$ or US-5848873-\$ or US-5611660-\$ or US-7240536-\$ or US-7160081-\$ or US-7134835-\$ or US-6676384-\$ or US-6638010-\$ or US-6524060-\$ or US-6435811-\$ or US-6409477-\$ or US-6135709-\$ or US-5893702-\$ or US-6106223-\$ or US-5733104-\$ or US-5662456-\$ or US-6217278-\$ or US-6155097-\$ or US-6179573-\$).did. or (WO-2005033522-\$).did. or (US-4770606-\$ or WO-2005033520-\$ or EP-1302667-\$ or EP-959253-\$ or DE-19632375-\$).did. | US-PGPUB; USPAT; EPO; DERWENT | OR | ON | 2010/08/18 16:52 |
| S26 | 1 | S25 and bypass | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 16:52 |

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| S27 | 15 | ("3483373" "3536418"). PN. OR ("3668393"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/18 17:09 |
| S28 | 21 | ("1073895" "1287020" "1912452" "20020136643" "20040013514" "20080063541" "2562996" "2668501" "3666374" "3668393" "4889995" "4919599" "5228838" "5585548" "6050782").PN. OR ("7762763").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/18 17:10 |
| S29 | 146 | S5 and bypass | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 17:32 |
| S30 | 5536 | "417".clas. and bypass | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 17:34 |
| S31 | 11 | S30 and turbomolecular | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/18 17:34 |
| S32 | 36 | ("2489683" "2944729" "3237850" "3420502"). PN. OR ("3572960"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/19 07:43 |
| S33 | 1 | ("2855143").URPN. | USPAT | OR | ON | 2010/08/19 08:06 |
| S34 | 9 | ("3360189").URPN. | USPAT | OR | ON | 2010/08/19 09:11 |
| S35 | 864 | 415/144.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 09:21 |
| S36 | 1211 | 415/90.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 09:21 |
| S37 | 735 | 415/145.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 09:21 |
| S38 | 928 | 415/199.5.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 09:21 |

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| S39 | 663 | S37 not (S35 or S36 or S38) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 09:21 |
| S40 | 2 | ("2957426").URPN. | USPAT | OR | ON | 2010/08/19 09:29 |
| S41 | 692 | (swing near (check near valve)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 09:47 |
| S42 | 112 | S41 and vacuum | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 09:47 |
| S43 | 80 | S41 and bypass | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 09:48 |
| S44 | 22 | S42 and S43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 09:49 |
| S45 | 32 | S41 and blade | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 09:50 |
| S46 | 0 | S41 and turbomolecular | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 09:51 |
| S47 | 8875 | bleed adj valve | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 10:15 |
| S48 | 921 | S47 and blade | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 10:15 |
| S49 | 0 | S48 and turbomolecular | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 10:16 |
| S50 | 228 | S48 and vacuum | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 10:16 |
| S51 | 862 | S38 not (S35 or S36 or S37) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 10:31 |

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| S52 | 21 | ("2297853" "2487514" "2584899" "2618461" "2625013" "2648519" "3291447" "3756740"). PN. OR ("4465429"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/08/19 10:36 |
| S53 | 327 | 417/251.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2010/08/19 12:08 |

EAST Search History (Interference)

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8/ 23/ 2010 12:59:28 PM

**C:\ Documents and Settings\ aeastman\ My Documents\ EAST\ Workspaces\ 10581934 -
Vacuum pump.wsp**